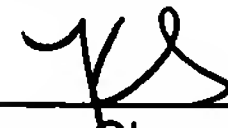




PATENT APPLICATION  
PP020667.0003

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed: Mail Stop AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Kara Shure

18 March 2009  
Date

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Vega Masignani and Beatrice Maria Arico  
Application No.: 10/562,191 Examiner: Ford, Vanessa L.  
Filing Date: October 26, 2006 Group Art Unit: 1645  
Confirmation No.: 4113  
For: **VIRULENCE-ASSOCIATED ADHESIONS**

**REPLY TO RESTRICTION REQUIREMENT**

Mail Stop AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

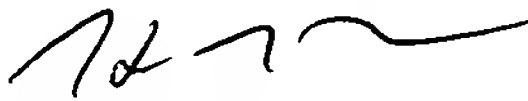
Sir:

This Reply to Restriction Requirement is submitted in response to the Office Action dated February 23, 2009 for the above-referenced patent application.

Responsive to the Restriction Requirement, Applicants elect the claims of Group I (claims 1-6, 10 and 18-19), drawn to a polypeptide comprising one or more of (a) an amino acid sequence selected from the group consisting of SEQ ID NOs. 51, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 and 54; (b) an amino acid sequence having at least 70% identity to a sequence as defined in (a) and/or (c) an amino acid sequence comprising a fragment of at least 8 consecutive amino acids of a sequence as defined in (a) and pharmaceutical composition, for prosecution. Applicants reserve the right to file a continuing application or take such other appropriate action as deemed necessary to protect the non-elected inventions.

Responsive to the species requirement, Applicants elect SEQ ID NO: 51. Each of claims 1-6, 10 and 18-19 are readable on the elected species.

Respectfully submitted,  
NOVARTIS VACCINES AND DIAGNOSTICS, INC.

By:   
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Helen Lee  
Registration No. 39,270  
Telephone: (510) 923-2192  
Facsimile: (510) 655-3542

Emeryville, CA 94662-8097

Dated: *18 March 2005*